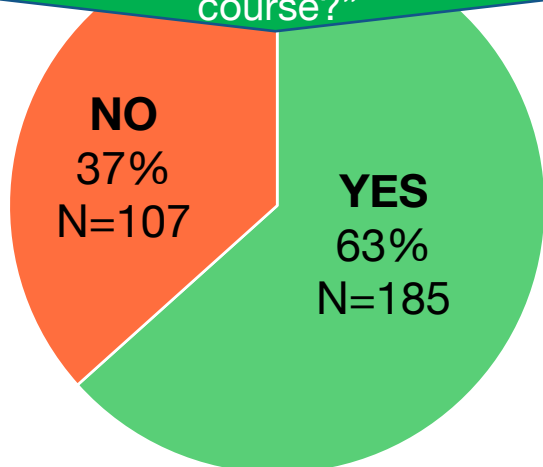


Are CU Boulder Students Interested in Green Chemistry Education?

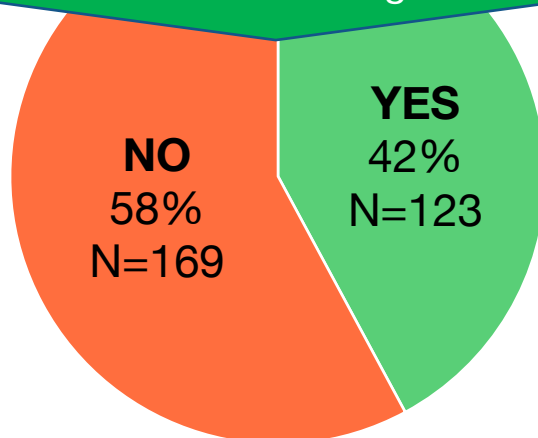
A Survey of Students in Chemistry Courses by CU Green Labs:
302 student responses between December 4 – 21, 2018

85% of students are **very interested, interested, or a little interested** in learning more about green chemistry. Only 15% are not interested.

“Would you have liked to see more green chemistry topics mentioned/included in this course?”



“If a course was offered through the Chemistry Department focused on green chemistry, would you be interested in taking it?”



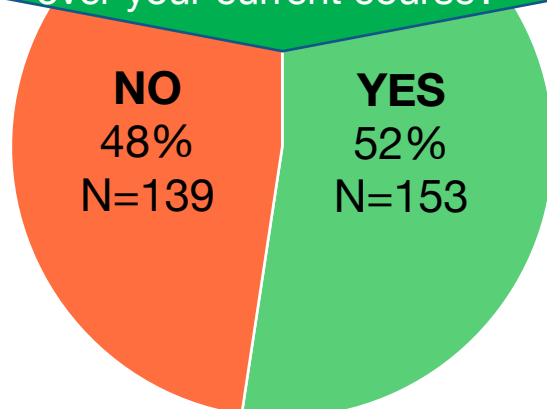
Current Status:

36% of students said **green chemistry had been mentioned in their lecture course** one or more times during the semester.

Survey Conclusion:

The majority of **students surveyed want to have more green chemistry topics covered** in their chemistry coursework.

“Rather than a separate course on green chemistry, if the present course you are taking was offered with a green chemistry emphasis, would you have chosen that course over your current course?”



Companies request that universities provide green chemistry education:

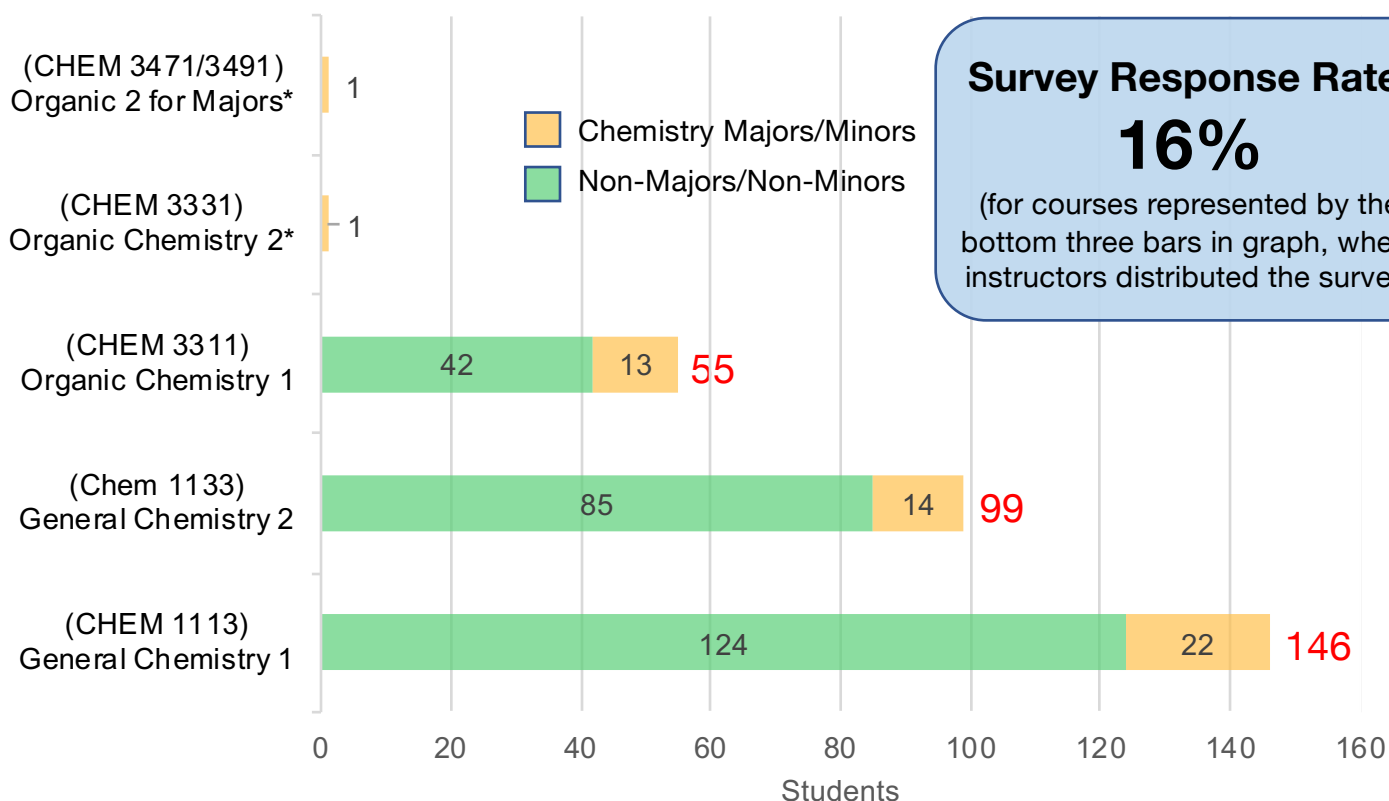
The Green Chemistry and Commerce Council (GC3) Policy Statement on Green Chemistry in Higher Education is signed by many companies, calling upon “**institutions of higher education to integrate green chemistry and sustainability principles into chemistry, engineering, science and business curricula.**” These companies state a need for a “**well-trained workforce provided with the most up-to-date knowledge on green chemistry and sustainability.**” Furthermore, the Policy Statement indicates that “**students and employees with these valuable skills will have a greater opportunities for hiring, promotion, and professional growth**” in their companies.

Full Policy Statement:

www.greenchemistryandcommerce.org/assets/media/images/Projects/GC3%20HigherEdPolicy.pdf

Enrollment of respondents in chemistry lecture classes

*indicates survey was not distributed to this course, but students responded anyway

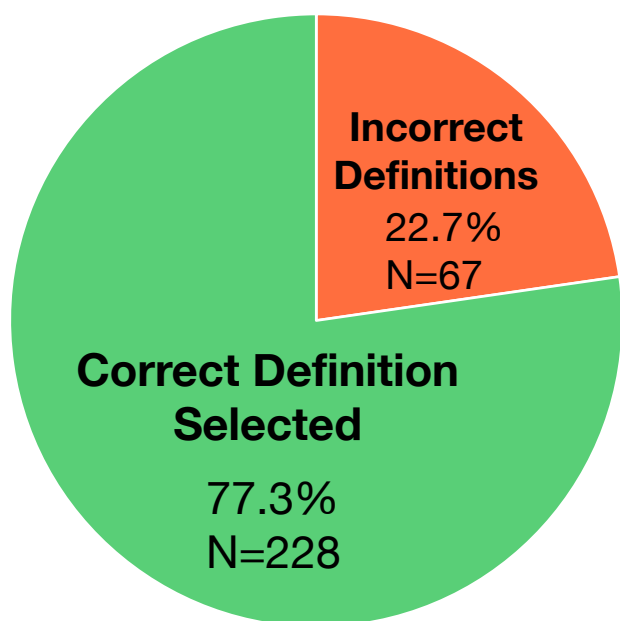


Survey Response Rate:

16%

(for courses represented by the bottom three bars in graph, where instructors distributed the survey)

77% of students could **select the correct definition** of green chemistry from a list of options



Select Survey Feedback:

"If possible, green chemistry should be integrated into existing courses."

"Would love to see CU Boulder take a lead in green chemistry"

"Green chemistry for non majors would be a valuable class for many in engineering, public policy, etc."

"Green chemistry sounds extremely interesting."

EPA definition of Green Chemistry: The design of chemical products & processes that reduce or eliminate the use or generation of hazardous substances.

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Green Labs Program
UNIVERSITY OF COLORADO **BOULDER**

In partnership with the Environmental Center, Environmental Health and Safety, and Facilities Management

